



Linus Carl Pauling

Feb 28, 1901 - Aug 19, 1994

Heralded as one of the most influential chemists in history, Linus Pauling is the inspiration for the Linus Pauling Distinguished Postdoctoral Fellowship. Just as PNNL is advancing the frontiers of science in multidisciplinary fields, Pauling is recognized for the diversity of his research. His interests included quantum mechanics, inorganic chemistry, protein structure, molecular biology and medicine.

Acclaimed as one of the greatest thinkers and visionaries of the millennium, Pauling is one of only four individuals honored with multiple Nobel Prizes. He is one of only two people to have been awarded the Nobel Prize in two different fields—the Chemistry and Peace prizes—and he is the only person to have been awarded each without sharing it with another recipient—an incredible feat.

Pauling was one of the first scientists in the field of quantum chemistry and a pioneer in the application of quantum theory to the structure of molecules. He was also first to prove a human disease, Sickle Cell Anemia, was caused by an abnormal protein, and sickle cell anemia became the first disease understood at the molecular level.

PNNL is honored to have Linus Pauling as the inspiration and namesake of our Distinguished Postdoctoral Fellowship.

About PNNL

Pacific Northwest National Laboratory is a Department of Energy Office of Science national laboratory where interdisciplinary teams advance science and technology and deliver solutions to America's most intractable problems in energy, the environment and national security. PNNL employs 4,800 staff, has an annual budget of nearly \$1.1 billion, and has been managed by Ohio-based Battelle since the lab's inception in 1965.

For more information about PNNL's Linus Pauling Distinguished Postdoctoral Fellowship, contact:

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Pacific Northwest
NATIONAL LABORATORY

Proudly Operated by Battelle Since 1965

Linus Pauling Distinguished Postdoctoral Fellowship



Make A Difference

The Pacific Northwest National Laboratory (PNNL) is seeking the next generation of great scientists and engineers for its Linus Pauling Distinguished Postdoctoral Fellowship.

PNNL is known for delivering transformational science and technology as we transform the world through courageous discovery and innovation. The Linus Pauling Distinguished Postdoctoral Fellowship is designed for the next generation of scientists and engineers who will push the boundaries of science to world-recognized discoveries.

Pauling Fellows are empowered through active mentoring by internationally recognized scientists and equipped with the resources to carry out a research program of their own design. They learn cutting-edge approaches, utilize and build state-of-science capabilities, and contribute to research efforts that advance scientific frontiers and address pressing national challenges.

"I am developing new methods to achieve atomically precise control over the preparation of catalysts and other energy-related materials using mass-selected ion deposition. The Linus Pauling Distinguished Postdoctoral Fellowship has enabled me to work with internationally recognized experts in preparative mass-spectrometry and provided me access to state-of-the-art instrumentation and characterization facilities. My time at PNNL has been extremely productive because of this."

– Grant Johnson, Pauling Fellow



Benefits

At PNNL, we realize that our greatest asset is our people. As such, we offer a benefits program responsive to your individual needs. Your total compensation is more than just your paycheck; we invest in you by offering a competitive salary and a comprehensive benefits package.

Linus Pauling Distinguished Postdoctoral Fellowships provide full funding on a major research project of their choice. Other benefits include:

Compensation and Benefits:

- ▶ Highly competitive salary
- ▶ Full medical/dental/vision benefits
- ▶ Relocation costs
- ▶ 401k savings plan

Career and Professional Development:

- ▶ Availability of funding for travel and conferences
- ▶ Internal training resources
- ▶ Staff development programs
- ▶ Professional networks

Work/Life Balance:

- ▶ Vacation
- ▶ Holidays
- ▶ Telecommuting
- ▶ Flexible schedule options

Candidate Requirements

- ▶ Have completed a Ph.D. in a science or engineering field within the last three years, or prior to the start of the appointment.
- ▶ Research must be related to a PNNL mission area:
 - ▶ Strengthen U.S. Scientific Foundations for Innovation
 - ▶ Prevent and Counter Terrorism and Proliferation of Weapons of Mass Destruction
 - ▶ Increase U.S. Energy Capacity and Reduce Dependence on Imported Oil
 - ▶ Reduce Environmental Effects of Human Activity and Create Sustainable Systems

APPLY TODAY!

Pauling Fellows are hired for a three-year maximum duration to complete their project.

More information: <http://www.pnnl.gov/pauling/>

E-mail questions to: paulingfellows@pnnl.gov

